Sequence Listing

<110> Fong, Sherman Goddard, Audrey Hillan, Kenneth J. Roth, Iris Wood, William I. <120> NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING BOLEKINE <130> P1192-2 (US) <140> US 09/816,920 <141> 2001-03-22 <150> US 60/064,249 <151> 1997-11-03 <150> US 60/083,336 <151> 1998-04-27 <150> PCT/US99/05028 <151> 1999-03-08 <150> PCT/US00/04341 <151> 2000-02-18 <150> PCT/US00/05841 <151> 2000-03-02 <160> 7 <210> 1 <211> 1685 <212> DNA <213> Homo Sapien <400> 1 ccaccgacgg cgcagccgga gccagcagag ccggaaggcg cgccccgggc 100 agagaaagcc gagcagagct gggtggcgtc tccgggccgc cgctccgacg 150 ggccagegee etececatgt ceetgeteee aegeegegee eeteeggtea 200 gcatgaggct cctggcggcc gcgctgctcc tgctgctgct ggcgctgtac 250 accgcgcgtg tggacgggtc caaatgcaag tgctcccgga agggacccaa 300 gatccgctac agcgacgtga agaagctgga aatgaagcca aagtacccgc 350 actgcgagga gaagatggtt atcatcacca ccaagagcgt gtccaggtac 400

cgaggtcagg agcactgcct gcaccccaag ctgcagagca ccaagcgctt 450

catcaagtgg tacaacgcct ggaacgagaa gcgcagggtc tacgaagaat 500

agggtgaaaa acctcagaag ggaaaactcc aaaccagttg ggagacttgt 550 gcaaaggact ttgcagatta aaaaaaaaa aaaaaaaaa aaaaaaaaa 600 aaaaaaaaaa aaagcctttc tttctcacag gcataagaca caaattatat 650 attgttatga agcacttttt accaacggtc agtttttaca ttttatagct 700 gegtgegaaa ggetteeaga tgggagaeee atetetettg tgeteeagae 750 ttcatcacag gctgcttttt atcaaaaagg ggaaaactca tgcctttcct 800 ttttaaaaaa tgcttttttg tatttgtcca tacgtcacta tacatctgag 850 ctttataagc gcccgggagg aacaatgagc ttggtggaca catttcattg 900 cagtgttgct ccattcctag cttgggaagc ttccgcttag aggtcctggc 950 geeteggeae agetgeeaeg ggeteteetg ggettatgge eggteaeage 1000 ctcagtgtga ctccacagtg gcccctgtag ccgggcaagc aggagcaggt 1050 ctctctgcat ctgttctctg aggaactcaa gtttggttgc cagaaaaatg 1100 tgcttcattc ccccctggtt aatttttaca caccctagga aacatttcca 1150 agatectgtg atggegagae aaatgateet taaagaaggt gtggggtett 1200 teceaacetg aggatttetg aaaggtteae aggtteaata tttaatgett 1250 cagaagcatg tgaggttccc aacactgtca gcaaaaacct taggagaaaa 1300 cttaaaaata tatgaataca tqcqcaatac acaqctacaq acacacattc 1350 tgttgacaag ggaaaacctt caaagcatgt ttctttccct caccacaaca 1400 gaacatgcag tactaaagca atatatttgt gattccccat gtaattcttc 1450 aatgttaaac agtgcagtcc tctttcgaaa gctaagatga ccatgcgccc 1500 tttcctctgt acatataccc ttaagaacgc cccctccaca cactgccccc 1550 cagtatatgc cgcattgtac tgctgtgtta tatgctatgt acatgtcaga 1600 aaccattagc attgcatgca ggtttcatat tctttctaag atggaaagta 1650 ataaaatata tttgaaatgt aaaaaaaaaa aaaaa 1685

<210> 2

<211> 111

<212> PRT

<213> Homo Sapien

<400> 2

Met Ser Leu Leu Pro Arg Arg Ala Pro Pro Val Ser Met Arg Leu
1 5 10 15

Leu Ala Ala Leu Leu Leu Leu Leu Leu Leu Ala Leu Tyr Thr Ala 20 25 30

Arg Val Asp Gly Ser Lys Cys Lys Cys Ser Arg Lys Gly Pro Lys 35 40 45

Ile Arg Tyr Ser Asp Val Lys Lys Leu Glu Met Lys Pro Lys Tyr 50 55 60

Pro His Cys Glu Glu Lys Met Val Ile Ile Thr Thr Lys Ser Val 65 70 75

Ser Arg Tyr Arg Gly Gln Glu His Cys Leu His Pro Lys Leu Gln 80 85 90

Ser Thr Lys Arg Phe Ile Lys Trp Tyr Asn Ala Trp Asn Glu Lys 95 100 105

Arg Arg Val Tyr Glu Glu 110

<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

<2205

<223> Synthetic oligonucleotide probe

<400> 3 cagegeeete eecatgteee tg 22

<210> 4

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 4

tcccaactgg tttggagttt tccc 24

<210> 5

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 5

ctccggtcag catgaggctc ctggcggccg ctgctcctgc tgctg 45

<210> 6

<211> 19

<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 6
 agcgcacggc cacagacag 19

<210> 7
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 7
 gaccctgcgc ttctcgttcc a 21